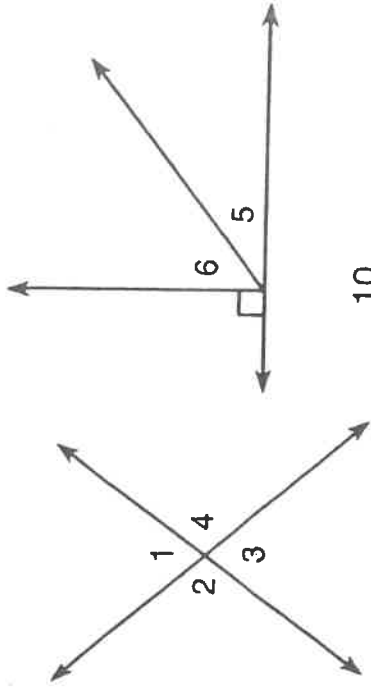


# Cryptic Quiz

TO DECODE THE ANSWERS TO THESE TWO QUESTIONS:

Figure out the measure of the unknown angle in any exercise. Then find this measure in the code. Each time it appears, write the letter of that exercise above it. Keep working and you will decode both answers.



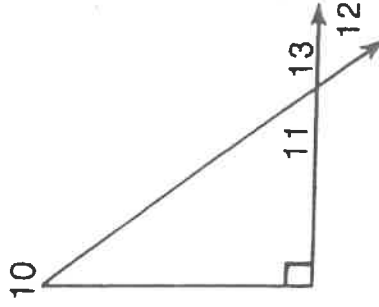
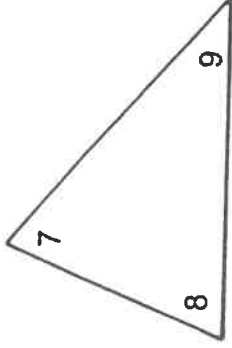
1. WHAT IS ROUND AND VERY DANGEROUS?

112° 62° 120° 40° 120° 53° 45° 76° 40° 120° 104° 40° 54° 35°

2. WHAT HAS FIFTY LEGS BUT CAN'T WALK?

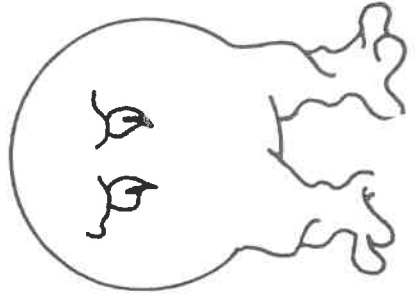
C  
Q  
9

65° 112° 54° 60° 112° 40° 35° 119° 127° 120° 74° 35° 43° 35°



- S IF  $m\angle 1 = 76^\circ$ , THEN  $m\angle 3 =$
- R IF  $m\angle 1 = 76^\circ$ , THEN  $m\angle 2 =$
- A IF  $m\angle 2 = 112^\circ$ , THEN  $m\angle 4 =$
- N IF  $m\angle 3 = 61^\circ$ , THEN  $m\angle 4 =$
- O IF  $m\angle 11 = 53^\circ$ , THEN  $m\angle 12 =$
- T IF  $m\angle 11 = 53^\circ$ , THEN  $m\angle 13 =$
- L IF  $m\angle 5 = 36^\circ$ , THEN  $m\angle 6 =$
- U IF  $m\angle 6 = 45^\circ$ , THEN  $m\angle 5 =$

- D IF  $m\angle 7 = 73^\circ$  AND  $m\angle 8 = 64^\circ$ , THEN  $m\angle 9 =$
- P IF  $m\angle 8 = 57^\circ$  AND  $m\angle 9 = 49^\circ$ , THEN  $m\angle 7 =$
- H IF  $m\angle 7 = 80^\circ$  AND  $m\angle 9 = 35^\circ$ , THEN  $m\angle 8 =$
- V IF  $m\angle 10 = 28^\circ$ , THEN  $m\angle 11 =$
- E IF  $m\angle 11 = 55^\circ$ , THEN  $m\angle 10 =$
- F IF  $m\angle 10 = 30^\circ$ , THEN  $m\angle 12 =$
- I IF  $m\angle 10 = 30^\circ$ , THEN  $m\angle 13 =$
- C IF  $m\angle 13 = 130^\circ$ , THEN  $m\angle 10 =$



# Daffynition Decoder

TO DECODE THESE THREE DAFFYNITIONS, FOLLOW THESE DIRECTIONS:

Figure out the measure of the unknown angle in any exercise. Then find this measure in the code. Each time it appears, write the letter of that exercise above it.

KEEP WORKING AND YOU WILL DECODE THE THREE DE-FUN-ITIONS.

RAINCOAT:

40° 80° 132° 35° 95° 90° 48° 66° 90° 36° 48°

PASTEURIZE:

40° 130° 130° 105° 36° 48° 40° 130° 30° 90° 90°

WILL:

36° 95° 90° 36° 95° 55° 33° 50° 90° 36° 66° 36° 31°

- Ⓡ IF  $m\angle 1 = 48^\circ$ , THEN  $m\angle 3 =$  \_\_\_
- Ⓜ IF  $m\angle 1 = 48^\circ$ , THEN  $m\angle 4 =$  \_\_\_
- Ⓥ IF  $m\angle 6 = 40^\circ$ , THEN  $m\angle 5 =$  \_\_\_
- Ⓐ IF  $m\angle 7 = 54^\circ$ , THEN  $m\angle 8 =$  \_\_\_
- Ⓨ IF  $m\angle 7 = 59^\circ$ , THEN  $m\angle 6 =$  \_\_\_
- Ⓛ IF  $m\angle 5 = 57^\circ$ , THEN  $m\angle 8 =$  \_\_\_
- Ⓣ IF  $m\angle 3 = 50^\circ$ , THEN  $m\angle 9 =$  \_\_\_
- Ⓢ IF  $m\angle 12 = 120^\circ$ , THEN  $m\angle 3 =$  \_\_\_
- ⓗ IF  $m\angle 7 = 55^\circ$  AND  $m\angle 9 = 45^\circ$ , THEN  $m\angle 15 =$  \_\_\_
- Ⓝ IF  $m\angle 3 = 46^\circ$  AND  $m\angle 14 = 99^\circ$ , THEN  $m\angle 8 =$  \_\_\_
- Ⓦ IF  $m\angle 9 = 29^\circ$  AND  $m\angle 15 = 85^\circ$ , THEN  $m\angle 7 =$  \_\_\_
- Ⓕ IF  $m\angle 8 = 37^\circ$  AND  $m\angle 3 = 38^\circ$ , THEN  $m\angle 14 =$  \_\_\_
- Ⓞ IF  $m\angle 7 = 40^\circ$  AND  $m\angle 15 = 90^\circ$ , THEN  $m\angle 12 =$  \_\_\_
- Ⓖ IF  $m\angle 3 = 35^\circ$  AND  $m\angle 16 = 90^\circ$ , THEN  $m\angle 8 =$  \_\_\_
- Ⓔ IF  $m\angle 8 = 40^\circ$  AND  $m\angle 12 = 140^\circ$ , THEN  $m\angle 15 =$  \_\_\_
- Ⓓ IF  $m\angle 7 = 55^\circ$  AND  $m\angle 1 = 50^\circ$ , THEN  $m\angle 16 =$  \_\_\_

